IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

C. Amendments to the Claims.

1. **(Currently Amended)** A method, comprising the steps of:

bending a substrate by applying a force with a movable chuck portion to orient essentially all of a surface of the substrate at a predetermined angle with respect to an input source, **wherein**

applying the force with a movable chuck portion includes moving the movable chuck portion with respect to a stationary substrate receiving portion to bend the substrate.

2. (Original) The method of claim 1, wherein:

the substrate comprises a silicon wafer having a diameter of at least about eight inches.

3. (Original) The method of claim 1, wherein:

the force comprises an electrostatic force generated by a potential difference between the substrate and the movable chuck portion.

4. **(Currently Amended)** The method of claim 1, wherein:

the movable **chuck** portion comprises a split electrode electrostatic chuck.

5. (Original) The method of claim 1, wherein:

bending the substrate includes receiving the substrate in a recess having a concave shape.

6. (Original) The method of claim 5, wherein:

bending the substrate includes introducing a curvature into the substrate selected from the group consisting of spherical, conical and cylindrical.

7. (Original) The method of claim 1, wherein:

applying the force with a movable chuck portion includes attracting the substrate to the movable portion with an electrostatic force when the substrate has an essentially unbent shape, and moving the movable chuck portion with respect to a stationary substrate receiving portion.

8. **(Cancelled)**

9. **(Currently Amended)** The method of claim ~~8~~1, further including:

attracting the substrate receiving portion to a curved stationary substrate receiving portion with an electrostatic force.

10. **(Currently Amended)** A method of processing a integrated circuit wafer, comprising the steps of:

placing a wafer over a **stationary** concave chuck portion;

applying a force **by a movable portion** to the wafer to conform to the concave chuck portion;

maintaining the wafer in the deformed shaped as the wafer is processed with respect to an input source.

11. (Original) The method of claim 10, wherein:

placing the wafer over the concave portion includes attracting the wafer with an electrostatic force to the concave portion.

12. (Previously Presented) The method of claim 11, wherein:

attracting the wafer includes applying a voltage to an electrostatic chuck within the concave portion.

13. (Original) The method of claim 10, wherein:

placing the wafer over the concave portion includes orienting the wafer in a first direction; and

the force is applied with a movable chuck portion at an angle greater than 45° with respect to the first direction.

14. (Original) The method of claim 13, wherein:

placing the wafer over the concave portion includes contacting a stationary chuck portion with a first side of the wafer; and

the force is applied by a movable portion to a second side of the wafer that is opposite to the first side.

15. (Original) The method of claim 13, wherein:

placing the wafer over the concave portion includes contacting a stationary chuck portion with a first side of the wafer; and

the force applied by the movable portion is an electrostatic force that attracts the first side of the wafer to the movable portion.

16. **(Currently Amended)** A system, comprising:

an input source for processing the substrate according to a predetermined manufacturing step;

a chuck system having

a substrate receiving surface that receives the substrate in an essentially non-deformed shape, and

a force applying portion, **having a movable portion that moves with respect to the substrate receiving surface,** that applies an attractive force between the substrate and the chuck system that maintains the substrate in a deformed shape.

17. (Original) The system of claim 16, wherein:

the input source comprises an ion implantation source.

18. (Original) The system of claim 16, wherein:

the substrate receiving surface has a type of curve selected from the group

consisting of spherical, conical, and cylindrical.

19. (Original) The system of claim 16, wherein:

the force applying portion includes a movable portion that moves with respect to the substrate receiving surface to change the substrate from the non-deformed shape to the deformed shape.

20. (Original) The system of claim 19, wherein:

the force applied by the movable portion is selected from the group consisting of electrostatic force and mechanical force.

21. (Previously Presented) The method of claim 1, wherein:

after bending the substrate, clamping the substrate to a recessed receiving portion to maintain the substrate in a bent state.